

COPIES of REPORTS to the BOARD OF TRADE by the TRINITY HOUSE of DEPTFORD STROND, the COMMISSIONERS of NORTHERN LIGHTHOUSES, and the COMMISSIONERS of IRISH LIGHTS, of their Inspection of LOCAL LIGHTHOUSES, BUOYS, and BEACONS (in continuation of Parliamentary Paper, No. 107, of Session 1911).

Board of Trade, }
26 March 1912, }

H. LLEWELLYN SMITH.

(Presented pursuant to the 652nd Section of the Merchant Shipping Act, 1894.)

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1912.

COPIES of REPORTS to the BOARD OF TRADE by the TRINITY HOUSE of DEPTFORD
IRISH LIGHTS, of their Inspection of LOCAL LIGHTHOUSES, BUOYS, and BEACONS

I.—REPORT of INSPECTIONS of LOCAL LIGHTHOUSES, &c., by the CORPORATION of

NAME AND POSITION OF LIGHT.	Date of Inspection.	Name of Local Lighthouse Authority.	Light.		Edu- cations.	Height of Light above High Water.	Condition of Lantern, Apparatus, and Establishment generally.	
			Character.	System.				
PADSTOW :						Fath.		
Padstow Quay :	1881 :							
One on South Quay end	26 May -	Padstow Harbour Commissioners. Do.	Red, Fixed	Ordinary Street Type Lenses. Do.	Gas	50	Unsatisfactory	1
One on North Quay end	25 " "		Green, Fixed		Do.	20	Do.	2
BEACON - - - -	26 May -	Padstow Harbour Association.	—	—	—	—	—	3
BUOY - - - -	12 Aug. -	Bede Urban District Council.	—	—	—	—	—	4
CLOVELLY :								
One on end of the Pier	12 Aug. -	Clovelly Court Estate	White or Red (White from 2 hours after H.W. until 4 hours flood, from 4 hours flood until 2 hours ebb a Red Light.) Fixed.	Lenses	Oil	24½	Light not in place until 1st September	5

STRONG, the COMMISSIONERS of NORTHERN LIGHTHOUSES, and the COMMISSIONERS of
(in continuation of Parliamentary Paper, No. 107, of Session 1911).

TRINITY HOUSE, in 1911, pursuant to the 652nd Section of the MERCHANT SHIPPING ACT, 1894.

Fog Signals.		Tide or Docking Signals.		Buoys and Beacons.				REMARKS.
Description.	Con- dition.	Description.	Con- dition.	No.	Colour, Shape, &c.	Con- dition.	If in best Position.	
1	—	—	—	—	—	—	—	Occasional Lights.
2	—	—	—	—	—	—	—	Do.
				1	Black Central Buoy	—	—	To mark Sppt of Horse Shoe Bar.
				1	Black and White Checkered Can Buoy.	—	—	To mark the Town Bar.
				10	Black Buoys	—	—	In the Upper Reaches of the River Canal placed to mark the Starboard hand of the Channel be- tween Padstow and Wadebridge, marked as the Channel changes.
				1	Black and White Checkered Can Buoy.	—	—	To mark the entrance of Harbour Fairway.
				5	Black and White Checkered Can Buoys.	—	—	To mark the Channel from the Entrance Buoy to abutment of Bray Hill, placed on the inside of the Roost Bar to mark the Port hand of the channel.
3	—	—	—	1	Stepper Point Beacon	The coping stone is broken and a portion gone. The structure is cracked in places and requires repair and repainting. The lime- washing of the exterior should be done.	—	
4	—	Red Flag and Red Light	Good	—	—	—	—	When shown, shown from Chapel Rocks, when fog, from Consignment Station. For warning purposes at Estimote Chan- nel.
				10	Black, Barrel, or Square Wooden Buoys.	Good	Yes	Do.
				20	Black Poles	Do.	Do.	Do.
5	—	—	—	—	—	—	—	Not a Tidal Light, but merely a guide for fishermen during the herring fishing, lighted from 1st September to 1st January.

I.—REPORT of Inspections of Local Lighthouses, &c., by the

NAME AND POSITION OF LIGHT.	Date of Inspection.	Name of Local Lighthouse Authority.	Light.		Illuminant.	Height of Light above High Water.	Condition of Lantern, Apparatus, and Establishment generally.	
			Character.	System.				
INFRAONES:	1911:					<i>Fath.</i>		
Lantern Hill, North side of Harbour.	9 Aug. -	Ilfracombe Urban District Council.	Red, Fixed	Three Reflectors.	Electricity	127	In good order	1
Three Lights are also kept burning from sunset to sunrise all the year round on Eastern side of Outer Jetty, coloured Red unvaried.	9 " -	Do	Red, unvaried, Fixed.	Ordinary Street Type Lanterns	Do.	18	Do.	2
Also one on Old Pier Head	9 " -	Do.	Red, Fixed	Do.	Gas	18	Do.	3
LYSTHOOTH:								
On the Head, just above High-water Mark at the River mouth.	8 Aug. -	Lynnh Local Board.	White, Fixed	Three Incandescent Globes, about 50 cp.	Electricity	45	In good order	4
MINEHEAD:								
One on end of Harbour Pier.	8 Aug. -	A. F. Lettwill	Green, Fixed	Reflector	Electricity Three Globe Lights	19	In good order	5
Two at Southward extremity of Promenade Pier.	8 " -	Minehead Pier Company.	Red, Fixed	Lens	Electricity	30 and 34	Do.	6
WATCHET:								
At seaward end of West Breakwater.	8 Aug. -	Watchet Urban District Council.	Red, Gouging, Light, 7 sec. Eclipse, 5 sec.	Lens	Gas, Incandescent.	81	In good order	7
BRIDGWATER:								
Boys and Boats -	5 Aug. -	Corporation of Bridgwater.	—	—	—	—	—	8
BURKHAM:								
Light on end of Causeway discontinued.	5 Aug. -	—	—	—	—	—	—	9

Corporation of Trinity House, in 1911—continued.

Fog Signals.		Tide or Docking Signals.		Buoys and Beacons.				REMARKS.
Description.	Condition.	Description.	Condition.	No.	Colour, Shape, &c.	Condition.	If in last Position.	
1	—	—	—	—	—	—	—	Lighted from 1st September to 30th April.
2	—	—	—	—	—	—	—	These Lights are so arranged with Red Shades to Lamps, that when they show Red only a vessel entering is clear of the Pier Heads.
3	Good.	Good.	—	2	Green and Yellow Vertical Striped, Conical Buoys.	Good.	Yes.	Do. do. "Sewer Outfall."
4	—	—	—	—	—	—	—	Established to light up both the entrance to the Port and the adjoining esplanade and street—occasional.
5	—	—	—	—	—	—	—	Tidal Light lit from half past two and a half hour's ebbs.
				1	Black, Flat, Square Wooden Warning Buoy.	Good.	Yes.	Pier Head Light house N.W. $\frac{1}{2}$ W. from Buoy, distant about 1 cable.
				1	Do. do.	Do.	Do.	Pier Head Light house N.E. $\frac{1}{2}$ E. from Buoy distant about 50 fathoms.
6	—	—	—	—	—	—	—	Vertically 6 feet apart, visible at 4 miles on a clear night.
7	—	Black Ball.	Good.	—	—	—	—	Light exhibited when there is 8 feet or more at Harbour entrance between the Piers, and extinguished when there is 10 feet water on the ebb tide.
				1	Black, Round, Flat Topped Wooden Warning Buoy.	Good.	Yes.	West Breakwater Light house from Buoy W by S, distant 250 feet.
8	—	—	—	3	Black Can Buoys . . .	Good.	Yes.	Harbour and Tide Buoys on the Conc Sandbank Breakers.
				1	White Can Buoy . . .	Do.	Do.	At the South Gate Sands, on Starboard side of Channel leading to River Purton, numbered 1, 2 & 3.
				3	Red Conical Buoys . . .	Do.	Do.	On the Hart Point.
				2	Do. do. . . .	Do.	Do.	On Street Island inside Hart Point.
				1	Red Can Buoy . . .	Do.	Do.	Marking entrance to River Weaver Harbours.
				1	Black Can Buoy . . .	Do.	Do.	Marking channel of River Broce, five on Starboard and three on Port side.
9	—	—	—	—	—	—	—	

I.—REPORT of Inspections of Local Lighthouses, &c., by the

NAME AND POSITION OF LIGHT.	Date of Inspection.	Name of Local Lighthouse Authority.	Light		Illuminant.	Height of Light above High Water.	Condition of Lantern, Apparatus, and Establishment generally.	
			Character.	System.				
WESTON-SUPER-MARE:	1911:					<i>Feet.</i>		
Two, at seaward end of Pier Works.	5 Aug.	Weston-super-Mare Grand Pier Co.	Red, Fixed	—	Oil	22	Good	1
Beacon only - - -	5 „	Commercial Cable Co.	—	—	—	—	—	2
GARTHEW:								
One on Pier Head - -	5 Aug.	Cleveland Urban District Council.	Red, Fixed	Ordinary Lamp.	Gas	27	Good	3
PORTSMOUTH:								
One on end of Portsmouth Pier.	5 Aug.	Great Western Railway Co.	White, Fixed	—	—	—	Good	4
BRISTOL:								
Avonmouth:								
New North Pier - -	7 Aug.	Corporation of Bristol.	White, Flashing; Flash, 14 sec. Eclipse, 5½ sec.	Lens	Gas	50	Good	5
New North Pier - -	7 „	Do.	Red, Fixed	Do.	Do.	84	Do.	6
South Pier - - -	7 „	Do.	Green, Seaward; White towards Avonmouth Dock, Greeting Light, 27 sec.; Eclipse, 3 sec.	Do.	Do.	30	Do.	7
Beacon, end of Old Dock entrance.	7 „	Do.	Red, Fixed	Do.	Do.	45	Do.	8
Beacon on Foreshore near old passenger station, Avonmouth.	7 „	Do.	Red, Fixed	Do.	Do.	20	Do.	9
On end of South Pier, Royal Edward Dock.	7 „	Do.	Green, Greeting every 30 sec.	Do.	Do.	30	Do.	10
East Beacon, Dumbell Island.	7 „	Do.	Green, Fixed	Do.	Do.	50	Do.	11
Nelson Point Lights.								
North Beacon, Royal Edward Dock.	7 „	Do.	Red, Fixed	Do.	Oil	26	Do.	12
South Beacon, Royal Edward Dock.	7 „	Do.	Do.	Do.	Do.	19	Do.	13
River Lights (commencing continuously) between Nelson Point and the light under Black-rook opposite Phoenix Quarry Point.								
South Light on the Somersetshire Bank erected in the River above High-water Mark opposite Nelson Point (No. 7).	7 „	Do.	Violet, Fixed	Do.	Do.	22	Do.	14
North Light on the Somersetshire Bank erected in the River above High-water Mark 50 feet North of above Light (No. 8).	7 „	Do.	Do.	Do.	Do.	16	Do.	15
Light on Somersetshire Bank near "Adam and Eve," Haze Green (No. 9).	7 „	Do.	Do.	Do.	Do.	28	Do.	16
Light on Somersetshire Bank a little above the Old Customs House Pier (No. 10).	7 „	Do.	Do.	Do.	Do.	14½	Do.	17

Corporation of Trinity House, in 1911—continued.

Fog Signals.		Tide or Docking Signals.		Beacons and Buoys.				REMARKS.
Description.	Con- dition.	Description.	Con- dition.	No.	Colour, Shape, &c.	Con- dition.	If in best Position.	
1	—	—	—	—	—	—	—	Vertical, 6 feet apart, established during construction of Pier.
2	—	—	—	1	Beacon, Black Staff, White Globe, Red Taper (Iron).	Good	Yes	On Foreshore in Up- hill Bay, to mark position of Schu- man Cable.
3	—	—	—	—	—	—	—	—
4	—	—	—	—	—	—	—	—
				1	Black Conical Buoy	Good	Yes	Inside Pier and for warping purposes.
				1	Black Spherical Buoy	Do	Do	Inside Pier and for warping purposes.
				1	Do. do. do	Do	Do	100 feet S.E. from Pier and for warping purposes.
5	—	—	—	—	—	—	—	—
6	—	—	—	—	—	—	—	—
7	—	—	—	—	—	—	—	To keep Vessels clear of Cockburn Dock. Shows White for guidance of Vessels leaving River Arm and Dock.
8	—	—	—	—	—	—	—	—
9	—	—	—	—	—	—	—	A guide for entering the River. Do. do.
10	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	These two Lights in line give a lead through King Road. These two Lights in line give a lead out- wards past Nelson Point, the lower Light is situated on the Foreshore, and the back one near the Passenger Sta- tion, Royal Edward Dock.
12	—	—	—	—	—	—	—	—
13	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—
15	—	—	—	—	—	—	—	These two Lights give a lead towards point Nelson Point, Beacon opened to show up River and utilized as a Leading Light for Vessels outward bound.
16	—	—	—	—	—	—	—	—
17	—	—	—	—	—	—	—	To mark the Bank of the River.
								To mark the Bend of the River and to give a leading line up the lower part of the River, Beacon opened to show up River and utilized as a Leading Light for Vessels outward bound.

I.—REPORT of Inspections of Local Lighthouses, &c., by the

NAME AND POSITION OF LIGHT.	Date of Inspection.	Name of Local Lighthouse Authority.	Light.		Elevation.	Height of Light above High Water.	Condition of Lighthouse, Apparatus, and Establishment generally.	
			Character.	System.				
Hamstel—cont.	1911:					<i>Feet.</i>		
River Lights—cont.								
Light on Somersetshire Bank at Chapel Hill (No. 11).	7 Aug. -	Corporation of Bristol	Violet, Fixed	Lens	Oil	24	Good	1
Light on Gloucestershire Bank in the light of Horseshoe Bend showing up and down the River.	7 " -	Do.	Do.	Do.	Do.	18	Do.	2
Light on Gloucestershire Bank of the light of the Horseshoe bend, showing up and down the River (No. 16).	7 " -	Do.	Do.	Do.	Do.	18	Do.	3
Light on Gloucester Bank between Horseshoe and Sea Mills (No. 18).	7 " -	Do.	Do.	Do.	Do.	18	Do.	4
At Sea Mills (No. 19) -	7 " -	Do.	Do.	Do.	Do.	18	Do.	5
Light on Somersetshire Bank between Miles Dock and Parliament Quarry Point (No. 30).	7 " -	Do.	Do.	Do.	Do.	20	Do.	6
Light on Somersetshire Bank at Miles Dock (No. 19).	7 " -	Do.	Do.	Do.	Do.	24	Do.	7
Light on Gloucestershire Bank near Black Rock Quarry in the light opposite Parliament Quarry Point (No. 20).	7 " -	Do.	Do.	Do.	Do.	18	Do.	8
Signal Light, Somersetshire Signal at Sea Mills.	7 " -	Do.	Red or Green, Fixed.	Do.	Do.	35 and 25	Do.	9
Lock Lights, Porthead Mast-head Signal near the Entrance Lock.	7 " -	Do.	Do.	Do.	Do.	56 and 27	Do.	10
Avonmouth								
Two lights vertical -	7 " -	Do.	Green, Fixed	Diaphanous Lensless	Gas	40	Do.	11
Two lights over one, another (vertical) is hot at end of East Pier.	7 " -	Do.	Do.	Do.	Do.	10 and 13	Do.	12
Port Light at Lock Entrance.	7 " -	Do.	Red, Fixed	Plain Glass	Do.	19	Do.	13
Starboard Light at Lock Entrance.	7 " -	Do.	Green, Fixed	Do.	Do.	19	Do.	14
Mast-head Signal near the Entrance Lock.	7 " -	Do.	Red or Green, Fixed	Lens	Electric	Red 54 Green 53	Do.	15
Bristol Comberford Basin								
Mast-head Signal on Pier at Porton Landing Stage.	7 " -	Do.	Do.	Do.	Gas.	30	Do.	16
Light on Pier at upstream end of Porton Landing Stage.	7 " -	Do.	Green, Fixed	Plain Glass	Do.	45	Do.	17
Port Light at River end of Entrance Lock.	7 " -	Do.	Red, Fixed	Do.	Do.	16	Do.	18
Starboard Light at River end of Entrance Lock.	7 " -	Do.	Green, Fixed	Do.	Do.	22½	Do.	19
Port Light at Basin end of Entrance Lock.	7 " -	Do.	Red, Fixed	Do.	Do.	16	Do.	20
Starboard Light at Basin end of Entrance Lock.	7 " -	Do.	Green, Fixed	Do.	Do.	16	Do.	21

Corporation of Trinity House, in 1911—continued.

Fog Signals.		Tide or Docking Signals.		Beys and Beacons.				REMARKS.
Description.	Construction.	Description.	Construction.	No.	Colour, Shape, &c.	Construction.	It is best Position.	
1	—	—	—	—	—	—	—	To mark the Bank and to give a leading line down the upper part of the River.
2	—	—	—	—	—	—	—	To mark the Bank and to give leading line round the Horse Shoe Point.
3	—	—	—	—	—	—	—	To mark the Bank and to give leading line round the Horseshoe Point.
4	—	—	—	—	—	—	—	To mark Bank of the River.
5	—	—	—	—	—	—	—	Shows up and down River.
6	—	—	—	—	—	—	—	To mark the Bank of the River and to give a leading light at the portion of the River.
7	—	—	—	—	—	—	—	Do. do.
8	—	—	—	—	—	—	—	To mark the bend at Thames Quay and to give leading line to this portion of the River.
9	—	—	—	—	—	—	—	To assist navigation of the River and to more strictly observe the directions of the Council of the City of Bristol, dated 29th April 1902, to avoid passing vessels at the points in the River.
10	—	—	—	—	—	—	—	Red Light for no admission to Lock Green Light for vessels to enter the Lock.
11	—	—	—	—	—	—	—	
12	—	—	—	—	—	—	—	These lights in line mark over edge of Hamble, and should be kept open to clear. Two Green lights in same position are the day mark.
13	—	—	—	—	—	—	—	To mark the Lock entrance.
14	—	—	—	—	—	—	—	Do. do.
15	—	—	—	—	—	—	—	Red Light for no admission to Lock Green Light for vessels to enter Lock.
16	—	—	—	—	—	—	—	Do. do.
17	—	—	—	—	—	—	—	
18	—	—	—	—	—	—	—	
19	—	—	—	—	—	—	—	
20	—	—	—	—	—	—	—	
21	—	—	—	—	—	—	—	

I.—REPORT of Inspections of Local Lighthouses, &c., by the

NAME AND POSITION OF LIGHT.	Date of Inspection.	Name of Local Lighthouse Authority.	Light.		Illuminant.	Height of Light above High Water.	Condition of Lantern, Apparatus, and Stationary Structure generally.	
			Character.	System.				
BARNSTOL—cont.								
Comberland Basin :	1911							
Light in the Basin on Tongue Head between Entrance Lock and Branch Lock.	7 Aug.	Corporation of Bristol.	Red, Fixed.	Plain Glass.	Gas.	16	Good.	1
Port Light at Harbour end of Junction Lock.	7 "	Do.	Do.	Do.	Do.	16	Do.	2
Starboard Light at Harbour end of Junction Lock.	7 "	Do.	Green, Fixed.	Do.	Do.	16	Do.	3
Salisbury Bells :								
Light on Tongue Head at Entrance Lock.	7 "	Do.	Red, Fixed.	Do.	Do.	15	Do.	4
Bridge Lights, Entrance Lock, Comberland Basin.								
Light on West side of the Swing Bridge.	7 "	Do.	Red, White at side, Fixed.	Lanterns.	Oil.	11	Do.	5
Light on East side of the Swing Bridge.	7 "	Do.	Do.	Do.	Do.	11	Do.	6
Junction Lock, Comberland Basin :								
Light on the West side of the Swing Bridge over the Junction Lock.	7 "	Do.	Do.	Do.	Do.	12	Do.	7
Light on the East side of the Swing Bridge over the Junction Lock.	7 "	Do.	Do.	Do.	Do.	12	Do.	8
Prince Street Bridge :								
Light on the post on the Quay on the upper side of the bridge.	7 "	Do.	Red or White, Fixed.	Lens.	Gas.	23	Do.	9
Vauxhall Swing Bridge :								
Light on the Post, Gloucester side.	7 "	Do.	Green, Fixed.	Do.	Do.	25	Do.	10
Light on the Pier facing down stream.	7 "	Do.	Red, Fixed.	Do.	Do.	27	Do.	11
Light on the Pier facing up stream.	7 "	Do.	Do.	Do.	Do.	27	Do.	12
Light on North end of swinging portion of bridge.	7 "	Do.	Green, Fixed.	Do.	Oil.	22	Do.	13
Light on South end of swinging portion of bridge.	7 "	Do.	Do.	Do.	Do.	22	Do.	14

Corporation of Trinity House, in 1911—continued

Fog Signals.		Tide or Docking Signals.		Buoys and Beacons.				REMARKS.
Description.	Condition.	Description.	Condition.	No.	Colour, Shape, &c.	Condition.	If in best position.	
1	—	—	—	—	—	—	—	To mark Lock entrance from the Harbour.
2	—	—	—	—	—	—	—	
3	—	—	—	—	—	—	—	
4	—	—	—	—	—	—	—	
5	—	—	—	—	—	—	—	Shows Red when bridge is swung across. White when swung clear for passage of ships.
6	—	—	—	—	—	—	—	
7	—	—	—	—	—	—	—	Do. do.
8	—	—	—	—	—	—	—	
9	—	—	—	—	—	—	—	Shows Red when bridge is swung across for traffic. White when swung clear for passage to ships.
10	—	—	—	—	—	—	—	When the bridge is open for passage of vessels, the Red Lights are obscured towards the vessels which may approach and pass through.
11	—	—	—	—	—	—	—	
12	—	—	—	—	—	—	—	
13	—	—	—	—	—	—	—	These two lights are obscured up and down stream when the bridge is across the River, and visible up and down stream respectively, when the bridge is swung clear of the passage.
14	—	—	—	—	—	—	—	

On South Pier, Arromouth :
Fog Bell Good
On South Pier, Royal Edward Dock :
Fog Bell Good

Fortsmouth :
One Black Ball for Lock all clear for Vessels to come in
Two Black Balls for no admittance.
Ships wishing to enter Dock, hoist by day 2 1/2 flags.
By night, White Light over Red Light

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NAME AND POSITION OF LIGHT.	Date of Inspection.	Name of Local Lighthouse Authority.	Light.		Illuminant.	Height of Light above High Water.	Condition of Lenses, Apparatus, and Establishment generally.	
			Character.	System.				
BRISTOL—cont.	1911:					Feet.		
FOURSKNEWT:								
Tower on Charvise Rock	7 Aug. -	Commissioners for the Port of Gloucester.	White, Occulting	Reflector	Oil	184	Good	1
On Mathon Cliff - -	7 " -	Do.	White, Fixed	Do.	Do.	41	Do	2
On Chapel Rock - -	7 " -	Do.	White at Centre and Green, Fixed.	Do.	Do.	22	Do.	3
Two Lights near Island Rocks.	7 " -	Do.	White, Fixed	Do.	Do.	Front, 21 Back, 42½	Do.	4
Two Lights on Nardwood Rocks	7 " -	Do.	Do.	Do.	Do.	Front, 18½ Back, 39½	Do.	5
Two Lights at Sheppardsine.	7 " -	Do.	Do.	Do.	Do.	Front, 24½ Back, 42½	Do.	6
Two Lights at Fishhouse Farm.	7 " -	Do.	Do.	Do.	Do.	Front, 18 Back, 37½	Do.	7
Two Lights on Conigs FIS.	7 " -	Do.	Do.	Do.	Do.	58 194	Do.	8
Two Lights on Berkeley Hill.	7 " -	Do.	Do.	Do.	Do.	19 37½	Do.	9
One on North Pier Head, Sharpness New Docks.	7 " -	Do.	Do.	Eight-Sided Lantern, Square Lens.	Gas	25	Do.	10
One on South Pier Head, Sharpness New Docks.	7 " -	Do.	Red, Fixed	Lens.	Do.	25	Do.	11
One at Sharpness, Old Dock Entrance.	7 " -	Do.	Green at Centre, White at Side, Fixed.	Reflector	Do.	25	Do.	12

Cooperation of Trinity House, in 1911—continued.

Fog Signals.		Tide or Docking Signals.		Buoy and Beacon.				REMARKS.
Description.	Condition.	Description.	Condition.	No.	Colour, Shape, &c.	Condition.	If in boat Position	
		Arromouth : One Black Ball for Gates are open and Channel clear for vessels to come in. Two Black Balls for entrance in foul and Vessels must remain in King Road. Ships wishing to enter Dock hoist any two pennants can over the other. Royal Edward Dock : One Black Ball, all clear for vessels to come in. Two Black Balls, no admittance Ships wishing to enter Dock hoist Code Signal P.D. By night a Red Light over a White Light. Arromouth Old Dock : One Black Ball, all clear for vessels to enter. Two Black Balls, no admittance. Ships wishing to enter Dock hoist by day Code Signal E.D. By night two bright lights.						
1	—	—	—	—	—	—	—	Leading Lights through the Shoals.
2	—	—	—	—	—	—	—	Do do.
3	—	—	—	—	—	—	—	For rounding Beach- ley.
4	—	—	—	—	—	—	—	Leading Lights to guide Vessels for Western end of the Counts or Barnacle Channel.
5	—	—	—	—	—	—	—	Leading Lights through Mill Flats Channel.
6	—	—	—	—	—	—	—	Leading Lights for Eastern end of Counts Channel.
7	—	—	—	—	—	—	—	To guide through Bull Rock Channel : Leading Lights, The Inner Light shows Red when streams of the Hayward Rock.
8	—	—	—	—	—	—	—	Leading Lights to keep clear of Hay- ward Rock to show way over the ground from near the Gunner Rocks.
9	—	—	—	—	—	—	—	A guide for vessels to swing to enter new entrance.
10	—	—	—	—	—	—	—	Exhibited during tide time.
11	Ball	Good	—	—	—	—	—	Do. do.
12	—	—	—	—	—	—	—	Do. do.

L.—REPORT of Inspections of Local Lighthouses, &c., by the

NAME AND POSITION OF LIGHT.	Date of Inspection.	Name of Local Lighthouse Authority.	Light.		Mileage.	Height of Light above High Water.	Condition of Lantern, Apparatus, and Establishment generally.	
			Character.	System.				
PORTSMOUTH—cont. On Lynsey Pier Head	1891 : 7 Aug.	Commissioners for the Port of Gloucester.	White and Red, Fixed.	Standard Lamp and Globe Lantern.	One	20	Good	1
Three on Severn Bridge	7 " "	Do.	Outside Lights, White. Center Lights, Red, Fixed.	Reflector	Oil 1 Wick Borneo with Cylinder.	—	Do	2
Lyde Rock near Breckley	7 " "	Do.	White in Centre Red at Sides, Fixed.	—	Oil	16	Do.	3
Tidal Lights at Sharpness exhibited by lanterns hoisted at Tied Arms of entrance Sigsbee	7 " "	Do.	—	—	—	—	—	4
NEWPORT : Transporter Bridge, eight lights in all, on the outer spans on either side of Brien, of Transporter Bridge, each set of two placed vertically 6 feet apart.	4 Aug.	Corporation of Newport.	Red, Fixed	Diaphane 6th Class, Port Light.	Electricity	—	Good	4
Two vertically, 6 feet apart, in the centre of the Transporter itself (four in all).	4 " "	Do.	Green, Fixed	Diaphane	Oil	—	Do	5

Corporation of Trinity House, in 1911—continued.

Fog Signals.		Tide or Docking Signals.		Buoys and Beacons.				REMARKS.
Description.	Condition.	Description.	Condition.	No.	Colour, Shape, &c.	Condition.	If in last Position.	
Gong.	Good.	—	—	—	—	—	—	To enter the Harbour. White exhibited from two hours before H.W. and seven lighted two hours after H.W., then Red is shown.
—	—	—	—	—	—	—	—	To show navigation through the arches of the Bridge.
—	—	—	—	—	—	—	—	To avoid the Elm and Chalky Rocks and to guide the navigation up the Channel by Slime-road Bay.
—	—	All Pier Head gas lamps light indicate that Dock Gates are open. North and South Pier Head Lights alone indicate that Dock Gates are shut. + This signal indicates that nothing must attempt to enter. + River small craft must keep clear till Red Light is hoisted down. + River small craft must go to the old or Canal entrance. A Red Range at Head-end for clear entrance to Sharpness Docks. Red Beacon at Yard Arm denotes H.W. A Blue Pennant (D) at Yard Arm denotes that nothing must attempt to enter. One Black Ball at Yard Arm denotes that River (small) craft must keep clear till ball is hoisted down. Two Black Balls, one at each Yard Arm, denotes that River (small) craft must go to old or Canal entrance.	Good.	1	Black Beacon, Post with chain stays, Globe Topmark.	Good.	Yes.	On the Coast Lower Suckwood Rocks in the Burnside Channel, River Severn.
—	—	—	—	—	—	—	—	On the English Stone Rocks at the Shoals Channel.
—	—	—	—	—	—	—	—	Do do.
—	—	—	—	—	—	—	—	On Hill Flats.
—	—	—	—	—	—	—	—	On Elward Rock.
—	—	—	—	—	—	—	—	To mark the Channel through the Bull Rock below Berkeley Pill.
—	—	—	—	—	—	—	—	Used as mooring for Ships Lightening in Northwick Quay.
—	—	—	—	—	—	—	—	Exhibited from four hours before H.W. to two hours after H.W.
—	—	—	—	—	—	—	—	Shown between Sagut and dunnage when Transporter is working.

L.—REPORT of Inspections of Local Lighthouses, &c., by the

NAME AND POSITION OF LIGHT.	Date of Inspection	Name of Local Lighthouse Authority.	Light		Fuel.	Height of Light above High Water.	Condition of Lantern, Apparatus, and Establishment generally	
			Character.	System.				
NEWPORT—cont.	1911.					Fuel.		
One at Powder House Point on West side of River.	4 Aug.	Newport Harbour Commissioners.	White, Fixed	Lenses	Oil	25	Good	1
One at Effa's Point on East side of River.	4 "	Do.	Red, Fixed	Do.	Do.	25	Do.	2
Two on East side of River Usk; the back light is 207 feet from low Green Light.	4 "	Do.	Green, Fixed	Do.	Do.	40 25	Do.	3
One on East side of River Usk, distant 181 feet from low Green Light.	4 "	Do.	Do.	Do.	Do.	27	Do.	4
Two leading Light Green lights for Sea Beach, 900 feet apart, placed at the entrance of River Ebbw.	4 "	Do.	Light Green, Fixed.	Do.	Do.	36 50	Do.	5
Two on East side of River Usk; the back light is 280 feet distant from front.	4 "	Do.	Red, Fixed	Do.	Do.	27 17	Do.	6
At Alexandra Docks:								
At South Dock Pier Head.	4 "	Alexandra Docks and Railway Company.	—	—	—	—	—	7
At North Dock Pier Head.	4 "	Do.	—	—	—	—	—	8
St. BRINE'S MAJOR:								
At seaward end of River Outfall.	4 Aug.	Western Valleys (Mon.) Sewerage Board.	—	—	—	—	—	9
CARDIFF:								
At Low Water Pier Head	3 Aug.	Cardiff Railway Company.	White, Fixed	Diaphic, 5th Order.	Oil	42	Good	10
Two on East side of West Dock entrance.	3 "	Do.	Red, Fixed	Lens and Reflector, Square Lantern.	Gas	26 20	Do.	11

Cooperation of Trinity House, in 1911—continued.

Fog Signals.		Tide or Docking Signals.		Buoys and Beacons.				REMARKS.
Description.	Condition.	Description.	Condition.	No.	Colour, Shape, &c.	Condition.	If in best position.	
				1	Green and Yellow Vertical Striped Con. Buoy.	Good	Yes	
1	—	—	—	—	—	—	—	To mark heads of Street and tidal.
2	—	—	—	—	—	—	—	Do.
3	—	—	—	—	—	—	—	ships' lights used as Landing Lights through Beach above Powder House Point.
4	—	—	—	—	—	—	—	Ship's Light, when in use with above low Green Light, leads through centre of Beach below Powder House Point, viz., Redwaterman's Beach.
5	—	—	—	—	—	—	—	These Lights are not used; automatic, 30 days.
6	—	—	—	—	—	—	—	Ships' Lights used as Landing Lights for navigating Powder House Point.
	Good Horn for docking purposes	Good	Red Flag, Red Light, Blue Flag, Green Light.	Good	—	—	—	
				2	Green and Yellow, Vertical Striped, Conical Mast Buoy, Nos. 1 and 2.	Good	Yes	These Buoys are only used to mark the place for depositing the silt dredged from the Docks and River Dock.
7	Norwegian Horn.	Good	At Alexandra and Old Dock during day a Red Flag, and at night a Red Electric Light at Peak, indicator that vessels may come to Pier Heads to be locked in. (At Old Dock Red Light.)	—	—	—	—	
8	—	—	During the day a Blue Flag, and at night a Green Light at Mouthed, signifies that the gates are closed for the tide	—	—	—	—	
9	—	—	—	—	—	—	—	
10	Bell tolled during fog as long as the Dock Gates are open	Good	—	—	—	—	—	The Docking Signals are repeated to ships entering from bell's eyes in lower portion of the Light Tower— 1 White = East Dock open 2 Red = West Dock open 2 Green = Mouth Dock open. Flag Signals repeated in daytime. 30 yards apart is line laid through the dredged entrance channel as far as Range Buoy.
11	—	—	—	—	—	—	—	

L—Report of Inspections of Local Lighthouses, &c., by the

NAME AND POSITION OF LIGHT.	Date of Inspection	Name of Local Lighthouse Authority.	Light.		Illumination.	Height of Light above High Water.	Condition of Lantern, Apparatus, and Establishments generally.	
			Character.	System.				
CARDIFF—cont. Two on West side of West Dock Entrance.	1911: 3 Aug. -	Cardiff Railway Company.	White, Fixed	—	Electric	Feet. 70	Good	1
At West Dock Entrance -	3 " -	Do.	Red, Fixed	Handheld Type Lighthouse	Gas	60	Do.	2
At East Dock Entrance -	3 " -	Do.	White, Fixed	Do.	Do.	60	Do.	3
At South Dock Entrance	3 " -	Do.	Green, Fixed	Do.	Do.	60	Do.	4
At Queen Alexandra Dock Entrance.	3 " -	Do.	Four Green, Fixed, as follows: • • •	Do.	Do.	40	Do.	5
At Nos. 1 and 2 Postoon Landing Stages.	3 " -	Do.	Red or Green, Fixed	Railway Semaphore Lights.	Do.	30	Do.	6
Obstruction lights on Dock Road.	3 " -	Cardiff Channel Dry Dock and Postoon Company.	Red, Fixed	Diaphic	Oil	60 60 O.B.	Do.	7
Danger light on Jetty, South end of Postoon.	3 " -	Do.	Do.	Do.	Do.	10 60 O.B.	Do.	8

Corporation of Trinity House, in 1911—continued.

Fog Signals.		Tide or Docking Signals.		Buys and Buoys.				REMARKS.
Description.	Condition.	Description.	Condition.	No.	Colour, Shape, &c.	Condition.	If in last Position.	
1	—	—	—	—	—	—	—	The Lights, 100 yards apart, are so placed as to lead through the dredged channel to Dock entrance, but they are in no way distinguishable from the other electric lamps for lighting Dock.
2	—	When Docks are open and entrance are clear a Red Light is shown on Dock Head on West side, and a Green Light on Dock Head on East side, and if Lock is blocked the Red Light left and the Green Light taken away.	—	—	—	—	—	When West Dock is open.
3	—		—	—	—	—	—	When East Dock is open.
4	—		—	—	—	—	—	When South Dock is open.
5	—		—	—	—	—	—	Shows at the respective Dock entrances when vessels may enter.
6	—	—	—	—	—	—	—	To indicate which side of Landing stage passenger steamers are to go.
		Red Flag with a White Cross shown from the Flagstaff at each Pier Head when there is a steaming but out; when there is a fire steam a Black Ball is shown in place of the Flag; a Blue Flag denotes when the gates are closed for the tide. These signals are repeated on the Flagstaff at Low Water. Pier—West Dock on West flagpole, East Dock on West yard-arm, and South Dock on East yard-arm.		1	Black Can Buoy	Good	Yes	West side
				2	Black Barrel Buoy	Do	Do	Do
				3	Red Flat Buoy, Lighted	Do	Do	Do
				4	Red Barrel Buoy, Lighted	Do	Do	Do
				5	Choking and Mooring Buoy	Do	Do	East side one marked "Fairway." The two flat buoys mark the channel through Coffey-Winch, and are each so mounted by a short post with bottom from head of post to the buoy. White. Denoting Wharves Light.
								Off the different entrances; in no way serving to mark the entrance channel.
								For signalling vessels from Heads to Dry Dock or Pontoon.
								Two Perpendicular Lights, shown if fast agate, for Dry Dock or Pontoon when all clear. For working two Docks one Light shown when un-docking.
								To warn vessels from colliding against Pontoon.
		In drydock, when un-docking, letter K is hoisted at Masthead when not clear, and when all clear letter D is hoisted under K.						

I.—REPORT of Inspections of Local Lighthouses, &c., by the

NAME AND POSITION OF LIGHT.	Date of Inspection.	Name of Local Lighthouse Authority.	Light.		Illuminant.	Height of Light above High Water.	Condition of Lantern, Apparatus, and Establishment generally.	
			Character.	System.				
PENARTH : Two Lights on one post is centre of outer end of Pier Head. Two Lights at Penarth Dock Head, one on each Pier.	1881 : 3 Aug. - 3 " -	Penarth Promenade and Landing Pier Company. Penarth Dock Company.	Red, Fixed Green, Fixed	Hexagon Lantern. Reflector	Gas Electrically 2 lights in each lamp.	Ft. 26 and 20 50 HWOST	Good Do	1 2
BARRY DOCK : End of Western Breakwater.	3 Aug. -	Barry Railway Company.	White, Occulting, 5 second period, light 54 seconds, eclipse 14 seconds.	Lenses	Oil	40	Good	3
End of Eastern Breakwater.	3 " -	Do.	White, Fixed.	Ordinary Lantern.	Do.	39	Do.	4
Jetty Head (West) - "	3 " -	Do.	Green or Red, Fixed.	Do.	Electric	38	Do.	5
East Pier Head - "	3 " -	Do.	Red, Fixed.	Do.	Do.	60	Do.	6
On breakwater on Barry Island	3 " -	Do.	Do.	Do.	Do.	16	Do	7
Jetty Head (East) - "	3 " -	Do.	Green, Fixed	Do.	Do.	45	Do.	8
PORTBEACON : At S.E. end of Breakwater.	3 Aug. -	Great Western Railway Company.	White, Fixed, marking Fairway to Harbours. Red covering Starweather Sands, Hugo Bank, and Kendig Patch. Green covering Nash Sands and Tynker Bank.	Double Lenses with Reflecting Prisms.	Gas 2 jet.	31	Good	9
PORT TALBOT : Seaward end of South Breakwater.	3 Aug. -	Port Talbot Railway and Dock Company.	White, Occulting, 25 seconds Light and 8 seconds Dark.	Lenses	Oil	40	Good	10

Corporation of Trinity House, in 1911—continued.

Fog Signals.		Tide or Docking Signals.		Flags and Beacons.				REMARKS.
Description.	Condition.	Description.	Condition.	No.	Colour, Shape, &c.	Condition.	If in boat Position.	
1	—	—	—	—	—	—	—	To mark outer end of Promenade Pier.
2	Good	One Flagstaff 34 ft high and 30 ft. above H.W.O.S.T. for Docking purposes when also serves for anchoring the Dock, also a Green Fixed Light from a hand-lantern on each side of Dock entrance. Black Ball hoisted at each Dock head when Dock Gates are open and there is a free stem for vessels to enter. Red Flag is hoisted when there is not a free stem. Blue Flag when gates are closed.	Good	—	—	—	—	
3	—	Beam Entrance only : Docking Signals :—	—	—	—	—	—	This is lighted occasionally on the flood tide to instruct Pilots in the Roads to get ready for entering Dock.
4	—	Green Light on East Jetty and Red on West Jetty signifies free stem.	—	—	—	—	—	
5	Good	Lady Wincher Lock : One vessel to enter, Green Light on West Jetty. Two vessels to enter, two vertical Green Lights, 4 ft. apart, West Jetty. Level through, Green Light on West Jetty and Green Light on East Jetty.	Do.	—	—	—	—	
6	Do.	—	—	—	—	—	—	
7	—	—	—	—	—	—	—	
8	—	Beam Entrance Day Signals : Free Stem, Black Ball on West Jetty and Red Flag on East Jetty. Blue Flag hoisted when entrance is closed.	—	—	—	—	—	
9	—	Lady Wincher Lock Entrance : One vessel to enter, Red Flag on West Jetty. Two vessels to enter Black Ball and Red Flag. When there is a level through, a Red Flag on West Jetty and Black Ball on East Jetty.	—	—	—	—	—	
10	—	—	—	—	—	—	—	

I.—REPORT OF Inspections of Local Lighthouses, &c., by the

NAME AND POSITION OF LIGHT.	Date of Inspection.	Name of Local Lighthouse Authority.	Light		Illuminant	Height of Light above High Water.	Condition of Lantern, Apparatus, and Establishment generally.	
			Character.	System.				
PORT TALBOT—cont.	1911:					Feet.		
Alongside Octagonal Pilot Tower at inner end of South Breakwater.	2 Aug. -	Port Talbot Railway and Docks Company.	Green, Fixed	Reflectors	Electric	49	Good	1
Two Lights on Old Inner South Breakwater, one at either end on Channel side.	2 " -	Do.	Do.	Do.	Do.	29	Do.	2
Two Leading Lights—the outer on a dolphin on S side of Channel and the inner on the Mainland about 15 feet higher than the outer.	2 " -	Do.	Red Fixed	Do.	Do.	28 and 15	Do.	3
Proposed new Light on extreme end of South Breakwater	2 " -	Do.	White, Oscillating	—	Do.	48' 8"	Do.	4
SEATH AND BRITON FERRY:								
On South side of Entrance Channel:—								
Two Lights — outer Light about 3,154 yards S.W. by W. ½ W. of seaward end of Embankment.	2 " -	South Harbour Commissioners.	White, Fixed, horizontal, 5 feet apart.	Duprinc Lenses.	Gas	20	Do.	5
Middle Light about 1,077 yards S.W. by W. ½ W. of seaward end of Embankment.	2 " -	Do.	White, Fixed	Do.	Do.	20	Do.	6
Inner Light near seaward end of Embankment.	2 " -	Do.	Do.	Do.	Do.	20	Do.	7
Three Lights on South side of entrance to Briton Ferry Dock Basin.	2 " -	Do.	White, Fixed, in form of a triangle.	—	Do.	14	Do.	8
One Light on West side of River, 1,506 yards below the bridge carrying the Rhondda and Swansea Bay Railway over the River North, and showing down river.	2 " -	Do.	Red, Fixed	Reflector	Oil	15	Do.	9
Two Lights on Dolphins below bridge.	2 " -	Do.	White	—	Do.	—	Do.	10
One Light on bridge carrying the Rhondda and Swansea Bay Railway over River North.	2 " -	Do.	Red when passage is foul, Green when passage is clear.	—	Do.	—	Do.	11

Corporation of Trinity House, in 1911—continued.

Fog Signals.		Tide or Docking Signals.		Buoys and Beacons.				REMARKS.
Description.	Condition.	Description.	Condition.	No.	Colour, Shape, &c.	Condition.	If in best Position	
1	—	—	—	—	—	—	—	This Light is exhibited when the Dockmaster intends to let vessels into Dock before letting out.
2	—	—	—	—	—	—	—	To show position of Breakwater and direction of Channel.
3	—	—	—	—	—	—	—	Lights to be kept in a line until the ship is abreast of the East Green Light on South Breakwater, afterwards star for two Green Lights on Dock Gates entrance piers to Lock, these are only portable hand lamps.
4	—	—	—	—	—	—	—	—
Going round in fog on Lock Gates Jetty when Lock is close to enter.	Good	Black Ball in daytime when Lock is close, Flagstaff at end of old Breakwater.	Good	1	Purple, Brown, Red, Bell Buoy, Spherical Cage.	Good	Yes	A mile W.S.W. from end of South Breakwater for purpose of leading mariners bound to Port Talbot to an anchorage in foggy weather, also into Dock and for defining around bank of Harbour and marking the vessels' limit for Pilotage purposes.
5	—	—	—	—	—	—	—	Leading Lights. These lights are in a straight line.
6	—	—	—	—	—	—	—	Do. do.
7	—	—	—	—	—	—	—	Do. do.
8	—	—	—	—	—	—	—	Owned by Great Western Railway Company, but worked by South Harbour Commissioners.
9	—	—	—	—	—	—	—	DANGER signal to caution vessels coming up river that they are approaching bridge.
10	—	—	—	—	—	—	—	Leading Lights, one on each side of passage.
11	—	—	—	—	—	—	—	To indicate up and down river when passage is full or close.

1.—REPORT of Inspections of Local Lighthouses, &c., by the

NAME AND POSITION OF LIGHT.	Date of Inspection	Name of Local Lighthouse Authority.	Light.		Hrs. burnt.	Height of Light above High Water.	Condition of Lantern, Apparatus, and Establishment generally.	
			Character.	System.				
NEATH AND BRITON FERRY —cont.	1911:					<i>Fet.</i>		
On South side of Entrance Channel—cont.								
Two Lighthouse Dolphins above bridge.	2 Aug.	South Harbour Commissioners.	White	—	Oil	—	Good	1
One Light 1,000 yards above the bridge carrying the Rhonda and Swansea Bay Railway over the River Neath and showing up river.	2 " "	Do.	Red	—	Do.	18	Do.	2
Buoys and Beacons	2 " "	Do.	—	—	—	—	—	3
BRITON FERRY:								
Briton Ferry at Dock	2 " "	Great Western Railway Company.	Red or Green, Fixed.	—	Gas	20	Good	4
MUMBLES FERRY								
On the Southern corner of the Mumbles Railway Pier.	2 " "	Mumbles Railway and Pier Company.	Red, Fixed	Electric	2 Jet Acetylene Gas.	34	Do.	5
SWANSEA AND MURKES								
On the Mumbles Head in Swansea Bay	2 Aug.	Swansea Harbour Trustees.	White with two occultations, Group occulting every 20 sec.	Electric Lenses of 8th Order.	Incandescent Oil Burner (Chance Bros System). Do.	114	Good	6
On the seaward end of the Western Pier of Swansea Harbour.	2 " "	Do.	Red, Fixed	Electric Lenses of 8th Order.	Do.	33	Do	7
On end of Eastern Breakwater.	2 " "	Do.	Green, Fixed	Incandescent Arc Lamp, 60 c.p. Lamp	Electric	30½	Do	8
South Dock Entrance	2 " "	Do.	1 Green or 1 Red and Green, vertical, Fixed.	Do.	Do.	49	Do.	9
North Dock Entrance	2 " "	Do.	2 Green or Red, horizontal, Fixed.	Do.	Do.	56	Do.	10
New Cut Bridge	2 " "	Do.	Red or Green, Fixed.	Do.	Do.	22	Do.	11

Corporation of Trinity House, in 1911—continued.

Fog Signals.		Tide or Docking Signals.		Buoys and Beacons.				REMARKS.
Description.	Con- dition.	Description.	Con- dition.	No.	Colour, Shape, &c.	Con- dition.	If in best Position	
1	—	—	—	—	—	—	—	Leading Lights one each side of passage.
2	—	—	—	—	—	—	—	Distant signal to warn vessels com- ing down river that they are approach- ing bridge.
3	—	—	—	1	'Fairway' Buoy ½ mile outside the entrance fairway E. & N. nearly ½ mile from Marshes Lighthouse N.E. by N. ½ N. ½ miles from Southwester Light Vessel, Red and Black, Oval Capped.	Good	Yes	North.—All lights and signals in connection with the Railway Bridge over River South are worked and maintained by the Rhonda and Swansea Bay Railway Co.
				1	Red, Penn-shaped Buoy 115 yards West of Outer Light on South side of Channel.	Do.	Do.	May be passed on either side.
				3	Perches with cross piece on top	Do.	Do.	To mark position of sandbank on North side of Channel.
				3	Perches with cross piece on top	Do.	Do.	Between Outer and Middle Light.
				4	Black Penn-shaped Buoys	Do.	Do.	Between Middle and Inner Light.
				1	Distant Signal, White Post, Red Top, Semaphore Arm.	Do.	Do.	On East side when entering Harbour.
		Two Semi- sphere Signals Railway Bridge.	Good	—	—	—	—	1,300 yards below Railway Bridge.
				1	Distant Signal, White Post, Red Top, Semaphore Arm.	Do.	Do.	Western arm down when passage is clear for vessels up river, Eastern arm down when passage clear vessels going down river. Both arms up when pas- sage is foul.
		Round Black Disc.	Do	—	—	—	—	1,600 yards above Rhonda and Swansea Bay Railway Bridge. At Briton Ferry Dock entrance, shown when gate is open and passage clear for entering canal and worked by the Great Western Railway Company.
4	—	—	—	—	—	—	—	Shown only from half flood to half ebb. Green when gate is open, Red when closed.
5	—	—	—	—	—	—	—	
6	—	—	—	—	—	—	—	
7	—	—	—	—	—	—	—	General Light for the British Channel, not used.
8	—	—	—	—	—	—	—	
9	—	—	—	—	—	—	—	
10	—	—	—	—	—	—	—	
11	—	—	—	—	—	—	—	

I.—REPORT of Inspections of Local Lighthouses, &c., by the

NAME AND POSITION OF LIGHT.	Date of Inspection.	Name of Local Lighthouse Authority.	Light.		Illuminant.	Height of Light above High Water.	Condition of Lighthouse, Apparatus, and Establishments generally.	
			Character.	System.				
SWANSEA AND MYMBLES ^{Harbour} Prince of Wales Dock Entrance.	1911: 2 Aug.	Swansea Harbour Trustees.	3 Green or Red in a triangle, Fixed.	Lenses	Electric	Fath. 33	Good	1
King's Dock, on the Western side of the seaward end of the Lock.	2 " "	Do.	Red or Green	—	—	—	Do.	2
BERRY PORT								
On West Pier	2 Aug.	Berry Port and Gwentfresh Valley Railway Company.	White, Fixed	Reflector, 21 in. dia.	Oil	35	Good	3
On Barrel Post at end of Wharf, West side of Entrance.	2 " "	Do.	Red, Fixed	Catoptric, with Diaphane Lens.	Do.	5	Fair	4
End of Eastern Pier	2 " "	Do.	Green Fixed	Do	Do.	20	Do.	4
LEAMFORD								
Whitford Lighthouse (iron lighthouse) on Whitford Scar.	2 Aug.	Leamford Harbour Trust.	White, Fixed	Catoptric Reflector, Argand Burners, 4 Wicks.	Petroleum Oil.	40	Good	5
Breakwater Lighthouse on south end of Breakwater.	2 " "	Do.	Do.	Do. 2 Wicks.	Do.	34	Do.	7
North West Lightship	2 " "	Do.	Do.	A Gas-lighted Boat painted Black.	Gas	—	Do.	8
South East Lightship	2 " "	Do.	Do.	Oil-lighted Boat, painted Black.	Oil	—	Do.	9

Corporation of Trinity House, in 1911—continued.

Fog Signals.		Tide or Docking Signals.		Buoys and Beacons.				REMARKS.
Description.	Condition.	Description.	Condition.	No.	Colour, Shape, &c.	Condition.	If in best Position.	
1	—	—	—	—	—	—	—	
2	—	—	—	—	—	—	—	
				1	Red Top, Black Bottom, Conical Gas Bell Buoy, Oscillating White Light, 4 sec. light and two sec. dark.	Good	Yes	At the seaward extremity of the Entrance Channel, 94 cables from the end of West Pier Extension S. 30° W.
				1	Red, Conical, Inner Gas Buoy, Fixed White Light.	Do.	Do.	
		South Dock : Red Ball, Red Diamond, Green Lights	Good	—	—	—	—	
		North Dock : Red Buoys, Green Lights, New Out		—	—	—	—	
		Green and Red Lights, Red Flag, Prince of Wales Dock, Red Diamond, Green and Red Lights, King's Dock : Black Buoy, Red and Green Lights.		—	—	—	—	
				—	—	—	—	
3	—	—	—	—	—	—	—	Let at half flood and extinguished at half ebb to indicate entrance to Harbour.
4	—	—	—	—	—	—	—	
5	—	—	—	—	—	—	—	
				1	Red Cone Buoy	Good	Yes	Off the Green Light at East side of Entrance.
6	Red	Good	—	—	—	—	—	As a Tidal Light, half flood to half ebb as per Tide Tables.
7	Do.	Do.	Black Ball Red Light	Good	—	—	—	As a Tidal Light, lit 3 hours before to 3 hours after High Water.
8	—	—	—	—	—	—	—	
9	—	—	—	—	—	—	—	
				1	Black, Cone, Gas Buoy, 2 flashes every 10 sec.	Good	Yes	With "Lionel's Fairway" in white letters.
				3	Red Cone Buoys	Do.	Do.	On starboard hand entrance of Middle Channel, numbered in white figures 1, 2, and 3.
				3	Black Cone Gas Buoys :			North Store, Port hand entrance in No. 1.
				1	1, Oscillating (3 sec. light and 3 sec. dark)	Do.	Do.	
				1	2, Fixed White Light	Do.	Do.	
				1	Red Inverted Cone Buoy	Do.	Do.	No. 3 and 4. With name "Whitford Buoy" in white letters on end.

L—REPORT of Inspections of Local Lighthouses, &c., by the

NAME AND POSITION OF LIGHT.	Date of Inspection.	Name of Local Lighthouse Authority.	Light.		Illuminant.	Height of Light above High Water.	Condition of Lenses, Apparatus and Establishments generally.	
			Character.	System.				
LAANSELY—cont.	1911					Feet		
SAUNDERSFOOT:								
On South Pier Head	31 July	Borlases Court Coal Co.	Red to Sea-ward, White inside, Fixed.	60-c p. Lamp	Paraffin	30	Fair	1
TERTY:								
On Pier Head	31 July	Terty Corporation	Red to Sea, White over Harbour, Fixed.	Nil	Two-jet Gas.	20	Good	2
One Light 100 feet within extremity of Pier.	31 "	Do.	Green and White, Fixed.	Do.	Do.	13	Do	3
On S.E. corner of Landing Stage of New Pier. Two Lights, Vertical, 6 feet apart.	31 "	Do	Red, Fixed	Lenses	Argand Gas.	30 and 24	Do	4
On N.W. corner of Landing Stage of New Pier.	31 "	Do.	White, Fixed	Do.	Do.	28	Do.	5
HARLEIGH, NETLAND FISHERGUARD AND STRUMBLE HEAD:								
Two on Nayland Pointon.	29 July	Great Western Railway Co. &c.	Green, Fixed	Plain Glass	Gas	17 and 14	Fair	6
Flashing Light off the end of Public Landing Pier, Netland.	29 "	Do.	White, Fixed	Globe Lamp	Oil	5	Do	7
At Fishguard:								
On North Breakwater during construction	29 "	Do.	Red, Flashing	Electric	Gas	46	Good	8
On East Breakwater during construction.	29 "	Do.	Two Red, Flashed vertically 6 feet apart.	Do	Do.	—	Do	9

Corporation of Trinity House, in 1911—continued.

Day Signals		Tide or Docking Signals		Buoys and Beacons				REMARKS
Description	Condition	Description	Condition	No.	Colour, Shape, &c.	Condition	If in Port Position	
				1	Red Cone Buoy	Good	Yes	Cage Buoy at S.W. end of Beach abreast of Baily Fort, Starboard hand.
				1	Red Inverted Cone Buoy	Do	Do	On Starboard hand abreast of Stag up No. 10 Port hand coming in
				1	Black Can One Buoy. Decating White Light, 3 sec. light and 4 sec. dark.	Do	Do	No. 11, Starboard hand, coming in on North Worn, South Channel.
				1	Red Inverted Cone Buoy	Do	Do	Do. do
				2	Black Barrel Buoys	Do	Do	Temporary Buoys for marking points between No. 11 Buoy and Harbour Light-house, viz. 1 to clear North End of North Training Wall, 2 to mark Dredgers' Dumping Ground at end of South Wall.
				2	Black Buoys	Do	Do	At end of North Training Wall
				1	White Buoy	Do	Do	Is now with Break-water outer Light-house.
				1	Perch Beacon, Oil Lamp, Fixed Red Light.	Do	Do	At the South side of Great Western Channel Entrance.
				1	Perch Beacon, Oil Lamp, Fixed White Light.	Do	Do	On the Dolphin between the Great Western and the Copper Works' Docks Channel.
				1	Perch Beacon, Oil Lamp, Fixed Green Light.	Do	Do	On the West Flank Inner Harbour.
				1	Perch Beacon, Oil Lamp, Fixed Red Light.	Do	Do	
				1	Do. do.	Do	Do	
1	—	—	—	—	—	—	—	Shown on tide turn when there is 3 feet of water at Pier Head.
				1	Black Iron Cylindrical Warning Buoy.	Fair	Yes	
				1	Black Iron Cylindrical Mooring Buoy.	Do	Do	
2	—	—	—	—	—	—	—	
3	—	—	—	—	—	—	—	
4	—	—	—	—	—	—	—	Tidal Light shown Green when there is a depth of 3 feet or more in Harbour; White at other times; Green shading shade worked automatically by a Tidal Float.
5	—	—	—	—	—	—	—	On Eastern edge of Rock between Green Rock and Pier Head.
				1	"Willhouse" Beacon, Black Transverse Cone	Requires repair.	Yes	Inside the Harbour, Outside the Pier Head.
				5	Mooring Buoys	Good	Do	
				1	Warning Buoy	Do	Do	
6	—	—	—	—	—	—	—	
7	—	—	—	—	—	—	—	These Lights are 30 feet apart, and when on has lead over the extreme point of Neyland Spit.
8	Bell and Manned Horn	Good	—	—	—	—	—	
9	—	—	—	—	—	—	—	

I.—REPORT of Inspections of Local Lighthouses, &c., by the

NAME AND POSITION OF LIGHT.	Date of Inspection.	Name of Local Lighthouse Authority.	Light.		Height of Light above High Water.	Condition of Lenses, Apparatus, and Station-house generally.	
			Character.	System.			
HARLEIGH, NEWLAND, FOREGUARD, AND SYDNEY HEAD—cont.	1911:						
At Foreguard—cont. Two 50 Posts on Cliff behind Quay Wall.	29 July -	Great Western Railway Co.	Green, Fixed	Lenses	Oil	275 and 235	Good
Two on Structure on Cliff behind Quay Wall.	29 "	Do.	Red Fixed	Do.	Do.	246 and 228	Do.
Two on Fore-g-Moat, only lit when Cannon Steamers are due.	29 " "	Do.	White, Fixed	Masthead Lamps.	Do.	196 and 177	Do.
NEWTON NOTES AND MIL- FORD.							
On East Pier of Milford Dock.	29 July -	Milford Haven Dock and Railway Company.	—	—	—	—	—
MILFORD DOCKS:							
Western side of Dock Head.	29 " "	Milford Docks Company.	Red, Fixed	Plain Jet	Acetylene Gas, Do.	58	Good
180 feet E. $\frac{1}{2}$ N. of Pier Head Flagstaff.			Do.	Do.	Do.	20	Do.
About N. $\frac{1}{2}$ E. from above light distance 400 yards.			Do.	Do.	Do.	50	Do.

Corporation of Trinity House, in 1911—continued.

Fog Signals.		Tide or Docking Signals.		Buoys and Beacons				REMARKS.
Description.	Condition.	Description.	Condition.	No.	Colour, Shape, &c.	Condition.	If in best Position.	
1	—	—	—	—	—	—	—	To mark the Northern limit of anchorage in Fishguard Bay at night.
2	—	—	—	—	—	—	—	To mark safe navigable line outside Breakwater and in event of Bury being out of position.
3	—	—	—	1	Gas Lighted, White, Bell Buoy sounding once every 10 sec.	Good.	Yes	To mark end of Fishguard Breakwater Extension.
				1	Gas Lighted, Selenarum Bell Buoy. White, sounding once every 10 sec. Spherical, Black and White, Horizontal Bands.	Do.	Do.	Three Miles N. of Lighthouse on Fishguard Breakwater, named "Strumbak."
				3	Black Barrel Mooring Buoys.	Do.	Do.	Three off Breakwater, South, and two off Quay, East.
				6	Beacons, White, two with Diamond Heads, two with Triangular Heads.	Do.	Do.	On Cliff behind Quay Wall.
				2	Beacons, White, with Diamond Heads.	Do.	Do.	On Cliff at middle Point.
				1	White Diamond-shaped Head.	Do.	Do.	On Foot Bridge in line with White Mark on Boat Quay. Diamond in line with Broad White Mark on end of Boat Quay marks the Western limit of anchorage.
4	—	12 Green Lights One, 2 Jets and Blue Flag.	Good	—	—	—	—	Shores when Dock gates are open.
				5	Red, Barrel-shaped, Mooring Buoys.	Good	Yes	Off Norton Noyes Pier, three on E. side, two on W. side.
				1	Golden Mooring Buoy.	Do.	Do.	400 feet from Sea Wall.
5	—	—	—	—	—	—	—	Leading Lights through Channel.
6	—	—	—	—	—	—	—	Leading Lights through Channel.
7	—	—	—	—	—	—	—	Leading Lights through Channel.
Good	Good	2 Green Lights Blue Flag.	Good	—	—	—	—	When gates are open.

II.—REPORT of INSPECTION of LOCAL LIGHTHOUSES, &c., by the COMMISSIONERS of NORTHERY

NAME AND POSITION OF LIGHT.	Date of Inspection.	Name of Local Lighthouse Authority.	Light.		Fuel.	Height of Light above High Water.	Condition of Lighthouse Apparatus, and Establishment generally.	
			Character.	System.				
BLACKNESS: On Salfway Pier - -	1911: 8 July -	Hay and Company, Lerwick.	Red, Fixed	—	Oil	Red. 15	Lantern broken and lamp dirty.	1
WRECKEN ISLAND: South end point of Island.	11 July -	Mr. Shewer	White, Fixed	Dioptric	Oil	58	Very good	2
LEWIS: On end of Pier - -	8 July -	Lerwick Harbour Trust.	Red, Fixed	Dioptric	Oil	16	Fairly good	3
On North Ness - -	8 " -	Do.	Red, Fixed, with White and Green Sections.	Do.	Do.	14	Do.	4
Triggon Point - -	8 " -	Do.	White, Flashing	Do.	Gas	35	Good	5
BROWNE'S TAIL: 84 feet from Head of Pier.	8 July -	Browne's Ferry Harbour Trustees.	Red, Fixed	Dioptric	Oil	15	Lantern broken Inside lamp requires reworking	6
PIEROWALL: In Storehouse window, on Gill Point Pier.	15 July -	Harbour Authority	White, Fixed	Catheptic	Oil	12	Good	7
WHITKALL HAY, PAPA ROCK: On Beach - - -	6 July -	Orkney Harbour Commissioners.	Red, Fixed	Reflector	Oil	15	Very good	8
In Field at Whitkall Farm.	6 " -	Do.	Do.	Do.	Do.	83	Do.	9
On Pier - - -	6 " -	Do.	Do.	—	Do.	31	Do.	10
KIRKWALL: On Head of Pier - -	5 July -	Orkney Harbour Commissioners.	White, Fixed	Catheptic	Incandescent Gas.	26	Good	11
STROMNESS: On corner of shed at end of Stromness Pier.	1 July -	Stromness Harbour Commissioners.	White, Fixed	—	Incandescent Gas	12	Lantern requires overhauling and lamp renewed	12
On corner of Stromness Pier. Behind Town.	1 " -	Do.	Do.	—	Do.	12	Do.	13
Upper Light - -	1 " -	Do.	Red, Fixed	Dioptric	Do	120	Good	14
Lower Light - -	1 " -	Do.	Do.	Do.	Do.	20	Do.	15
SOAPA: On end of Pier - -	6 July -	Orkney Harbour Commissioners.	Red, Fixed	—	Oil	22	Good	16
ST. MARY'S: On end of Pier - -	4 July -	Orkney County Council.	Red Fixed	—	Oil	15	Fairly good	17
BERKLEY: On end of Pier - -	5 July -	Orkney County Council.	White Fixed	—	Oil	17	Good	18
ST. MARGARET'S HOPE: On end of Pier - -	3 July -	St. Margaret's Hope Pier Trustees.	White Fixed	Dioptric and Reflector.	Oil	15	Good	19
LONGHOPE: On end of South Ness Pier.	4 July -	Orkney Harbour Commissioners.	White, Fixed	Dioptric and Reflector.	Oil	17	Good	20
FAIRWICK: On Pier - - -	28 Aug. -	Local Harbour Authority.	White, Fixed	—	Oil	12	Good	21

Lighthouses in 1911, pursuant to the 652nd Section of the MERCHANT SHIPPING ACT, 1894.

Fog Signals.		Tide or Docking Signals.		Buoys and Beacons.				REMARKS.
Description.	Construction.	Description.	Construction.	No.	Colour, Shape, &c.	Construction.	If in best Position.	
1	—	—	—	—	—	—	—	Recommended that this Light be altered to diaphic and raised clear of windows.
2	—	—	—	—	—	—	—	
3	—	—	—	—	—	—	—	
4	—	—	—	—	—	—	—	
5	—	—	—	—	—	—	—	
6	—	—	—	—	—	—	—	Recommended a new Red Light to be erected on the end of the Pier and that the existing Light be discontinued.
7	—	—	—	—	—	—	—	
8	—	—	—	—	—	—	—	
9	—	—	—	—	—	—	—	
10	—	—	—	—	—	—	—	
11	—	—	—	—	—	—	—	
12	—	—	—	—	—	—	—	
13	—	—	—	—	—	—	—	
14	—	—	—	—	—	—	—	
15	—	—	—	—	—	—	—	
16	—	—	—	—	—	—	—	Now altered to diaphic as recommended.
17	—	—	—	—	—	—	—	
18	—	—	—	—	—	—	—	
19	—	—	—	—	—	—	—	
20	—	—	—	—	—	—	—	
21	—	—	—	—	—	—	—	Fading light, occasional.

II.—REPORT of Inspection of Local Lighthouses, &c., by the

NAME AND POSITION OF LIGHT.	Date of Inspection	Name of Local Lighthouse Authority.	Light.		Luminant.	Height of Light above High Water.	Condition of Lighthouse, Apparatus and Accommodation generally.	
			Character.	System.				
ACKNOWLEDGMENT:	1911					<i>Feet.</i>		
On cliff - - - - -	28 Aug.	Local Harbour Authority.	2 White, Fixed	—	Oil	107 and 98	Good	1
KINGS:								
On end of West Pier - - -	28 Aug.	Local Harbour Authority.	White, Fixed	—	Oil	34	Good	2
WICK:								
Seaward end of South Pier.	28 Aug.	Wick and Fife Railway Harbour Trustees	Red, Fixed	Dioptric	Oil	87	Duty	3
Pilot Look-out House at South Head.	28 "	Do.	Green, Fixed	—	Do.	150	Good	4
286 feet from end of South Pier.	28 "	Do.	Do.	—	Do.	49	Duty	5
LEITH:								
New end of Pier - - - -	28 Aug.	The Duke of Portland.	Red, Fixed	Dioptric	Oil	35	Good	6
DUNDEE:								
On head of Pier - - - -	28 Aug.	The Duke of Portland.	Red, Fixed, and Green sectors	Dioptric	Oil	36	Good	7
HELMSDALE:								
On James Quay - - - -	28 Aug.	Local Harbour Authority.	2 Red, Fixed	Dioptric	Oil	15	Good	8
PETERHEAD:								
New outer end of New Breakwater.	28 Aug.	Admiralty.	White, Group Flashing.	Dioptric	Oil	34	Good	9
Elbow of West Pier - - -	28 "	Peterhead Harbour Trustees.	White, Fixed, with Red Sector	Do.	Do.	34	Do.	10
Eastern arm of West Pier.	28 "	Do.	2 Green, Fixed.	Do.	Do.	12 and 22	Do.	11
Near end of South Pier -	28 "	Do.	Red, Fixed	Cassioptic	Do.	87	Do.	12
North Harbour, Fort Henry Breaker.	28 "	Do.	Do.	Do.	Do.	81	Do.	13
GRANDEMOUTH:								
On Eastern Jetty - - - -	7 Dec.	Calderonian Railway Company.	White with Red Sector, Group Flashing.	Dioptric	Oil	30	Good, but not Flashing to True Good	14
On Western Jetty - - - -	7 "	Do.	2 Red, Fixed.	Do.	Do.	34 and 28	Do.	15
End of South Embankment at Carron Pier Entrance.	7 "	Do.	White, Fixed	Do.	Do.	30	High to Clear Good	16
North side of Entrance to Carron River.	7 "	Do.	Green, Fixed	Do.	Do.	25	Do.	17
BURNS:								
Head of West Pier - - -	7 Dec.	North British Railway Company.	Green, Fixed	Dioptric	Electric	17	Very Good	18
Head of East Pier - - -	7 "	Do.	Do.	Do.	Do.	17	Do.	19
BRIDGEHEAD:								
39 feet from end of Western Pier.	7 Dec.	H. M. Cadell, Esq.	Red, Fixed	—	Incandescent Gas.	35	Good	20
Western corner of Wharf	7 "	Do.	Do.	—	Do.	15	Do.	21
Inner end of Western Pier.	7 "	Do.	White, Fixed	—	Do.	16	Do.	22
East end of Wharf - - -	7 "	Do.	2 Green, Fixed	—	Do.	15 and 24	Do.	23

Commissioners of Northern Lighthouses, in 1911—continued.

Fog Signals.		Tide or Barking Signals.		Buoys and Beacons.				REMARKS.
Description.	Condition.	Description.	Condition.	No.	Colour, Shape, &c.	Condition.	If in best Position.	
1	—	—	—	—	—	—	—	
2	—	—	—	—	—	—	—	Shown at tide time when boats are expected.
3	Fog Gong	Good	—	1	Bell Buoy	Good	Yes	The bell buoy is moored off the extreme point of Poodloot Rock at the entrance to the bay.
4	—	—	—	—	—	—	—	Used only when dangerous to enter the bay.
5	—	—	—	—	—	—	—	The Green Light in line with the Red Light shows a wreck of vessel broken up on north shore.
6	—	—	—	—	—	—	—	
7	—	—	—	—	—	—	—	
8	—	—	—	—	—	—	—	A Green Light is shown when dangerous to enter the harbour.
9	—	—	—	—	—	—	—	
10	—	—	—	—	—	—	—	
11	—	—	—	—	—	—	—	
12	—	—	—	—	—	—	—	
13	—	—	—	—	—	—	—	
14	Fog Gong	Good	Green	—	—	—	—	The Green Light indicates that vessels may come alongside.
15	—	—	—	—	—	—	—	
16	Fog Bell	Good	—	—	—	—	—	Green Light below White Light in same tower.
17	—	—	—	—	—	—	—	Apparent Light.
18	—	—	—	—	—	—	—	
19	Fog Bell	Good	Red and White	—	—	—	—	Red Light when no entry. White when Gates are open and vessels may enter.
20	—	—	—	—	—	—	—	
21	—	—	—	—	—	—	—	
22	—	—	—	—	—	—	—	
23	—	—	—	—	—	—	—	
24	—	—	—	—	—	—	—	

II.—REPORT of Inspection of Local Lighthouses, &c., by the

NAME AND POSITION OF LIGHT.	Date of Inspection	Name of Local Lighthouse Authority.	Light.		Illuminant.	Height of Light above High Water.	Condition of Lighthouse, Apparatus, and Establishment generally.	
			Character.	System.				
CHARLESTOWN :	1911 :					<i>Fath.</i>		
End of Western Brookholm	4 Dec. -	North British Railway Company.	Red, Fixed	Dioptric	Oil	14	Very well kept but burner out of focus	1
BOXTON :								
West extremity of Staging	4 Dec. -	Admiralty	Red, Fixed	Dioptric	Electric	29	Good	2
			White, Fixed	Do.	Do.	14	Do.	3
East extremity of Staging	4 " -	Do.	Red, Fixed	Do.	Do.	20	Do.	4
			White, Fixed	Do.	Do.	14	Do.	5
Outer end of Temporary Jetty.	4 " -	Do.	Red, Fixed	Do.	Do.	20	Do.	6
			White, Fixed	Do.	Do.	14	Do.	7
St. MARGARET'S BAY :								
End of Tilbury Company's Pier.	4 Dec. -	Tilbury Dredging Company.	Red, Fixed	—	Acetylene	15	One Red pane and one White pane of lantern broken	8
SOUTH QUEENSFERRY :								
Port Edge	4 Dec. -	North British Railway Company	White, Fixed	Dioptric	Oil	12	Burner out of focus, iron-work requires painting.	9
Harbour Pier, on Head	4 " -	Admiralty	Do.	—	Do.	12	Not very clean, iron-work needs painting.	10
FORTH BRIDGE :								
South Navigable Channel	4 Dec. -	Forth Bridge Railway Company.	White, Fixed	Reflector	Oil	156	Good	11
North Navigable Channel	4 " -	Do.	Do.	Dioptric Mirror.	Do.	150	Do.	12
INCH GARVIN :								
On North-west extremity of Island.	4 Dec. -	North British Railway Company.	White, Flashing	Dioptric	Acetylene	20	Well kept, but burner out of focus.	13
GRANTON :								
100 feet from head of Pier	7 Dec. -	The Duke of Buccleugh.	Red, Fixed	Catadioptric	Gas	20	Very Good	14
Head of East breakwater	7 " -	Do.	Green, Fixed	Glass lantern	Oil	18	Do.	15
Head of West breakwater	7 " -	Do.	Red, Fixed	Dioptric	Gas	17	Do.	16
NEWHAVEN :								
Outer end of East Pier	3 Dec. -	Leith Dock Commission.	White, Fixed	Dioptric	Electric	44	Very Good	17
LEITH :								
End of East Pier	21 Aug. -	Leith Dock Commission.	Green, Fixed	Dioptric	Gas	17	One lantern pane to be renewed, and iron-work painted.	18
End of West Pier	21 " -	Do.	White, Flashing	Do.	Do.	28	Lens not very clean and requires over-hauling. All iron-work needs painting. Good	19
New Dock, South side of entrance.	21 " "	Do.	Red, Fixed	Catoptric	Do.	22		20
FISHERROW :								
43 feet from head of East Pier	5 Dec. -	Burgh of Musselburgh.	Red, Fixed	Reflector	Gas	18	New Red glass required and reflector needs re-lacquering.	21
MORRISON'S HAVEN :								
End of South Pier	5 Dec. -	Scotsman's Iron Company.	White and Red Sectors, Fixed.	—	Oil	16	New Red glass required.	22

Commissioners of Northern Lighthouses, in 1911—continued.

Fog Signals.		Tide or Decking Signals.		Buoys and Beacons.				REMARKS.
Description.	Condition.	Description.	Condition.	No.	Colour, Shape, &c.	Condition.	If in best position.	
1	—	—	—	—	—	—	—	
2	—	—	—	—	—	—	—	Oil Lamp used as a stand-by. Do. Do. Do. Do.
3	—	—	—	—	—	—	—	
4	—	—	—	—	—	—	—	
5	—	—	—	—	—	—	—	
6	—	—	—	—	—	—	—	
7	—	—	—	—	—	—	—	
8	—	—	—	—	—	—	—	
9	—	—	—	—	—	—	—	Recommended a refection.
10	—	—	—	—	—	—	—	Circular wicks recommended to avoid smoking of Lamp due to fluctuation by vibration.
11	—	—	—	—	—	—	—	
12	—	—	—	—	—	—	—	
13	—	—	—	—	—	—	—	
14	Fog bell.	Good	Green and Red	Good	—	—	—	
15	Do.	Do.	—	—	—	—	—	
16	—	—	—	—	—	—	—	
17	—	—	—	—	—	—	—	
18	—	—	—	—	—	—	—	
19	Hand Fog bell Red Foghorn	Good Do.	Red, White and Green.	Good	—	—	—	Recommended improved ventilation of lantern.
20	—	—	—	—	—	—	—	
21	—	—	—	—	—	—	—	
22	—	—	—	—	—	—	—	

II.—REPORT of Inspection of Local Lighthouses, &c., by the

NAME AND POSITION OF LIGHT.	Date of Inspection.	Name of Local Lighthouse Authority.	Light.		Illuminant.	Height of Light above High Water.	Condition of Lantern, Apparatus, and Establishment generally.	
			Character.	System.				
COCKSMITH Head of East Pier	1911 4 Dec.	Canterbury Harbour, Esq.	Green, Fixed	—	Incandescent Gas	Feet. 22	Good	1
PORT BEAR Head of East Pier	27 Sept.	Port of London Harbour Commissioners.	Red, Fixed	—	Incandescent Gas.	25	Good	2
NORTH BEVERN Head of North Pier	5 Sept.	Town Council of North Berwick.	Red, Fixed and White Sectors.	—	Incandescent Gas	24	Good	3
DEARBAR Head of Battery Pier	4 Dec.	Town Council of Dearbar.	Red, Fixed	Reflector	Oil	30	Good	4
Victoria Harbour Mobile Quay.	6 "	Do.	Do.	Do.	Gas	18	Lantern dirty, burner out of focus (good)	5
On Baywood Hill	6 "	Do.	Do	—	Do.	70	Do.	6
	6 "	Do.	Green, Fixed	—	Do.	50	Do.	7
COLDINGHAM (ST. ARMS) Head of inside jetty	4 Dec.	Burn Hardach Trust.	Red, Fixed to North; White, Fixed to Eastward and over harbour.	—	Oil	12	Good	8
South-west corner of old harbour.	6 "	Do.	White Fixed	—	Oil	27	Good	9
RYEMOUTH Corner of a basin	4 Dec.	Ryemouth Harbour Trustees.	Red, Fixed	Reflector	Gas	22	Lantern dirty, reflector ceptum cracking, one lantern pane broken. Lantern and reflector dirty.	10
On West Pier head	4 Dec.	Do.	White Fixed	Do.	Do.	15		11
THAMES North end of Breakwater	25 Aug.	Thames Harbour Trust.	Red, Fixed	—	Oil	15	Good	12
SCHROTER Head of East Pier	25 Aug.	Schroter Harbour Trustees.	White, Fixed	Catoptric	Oil	19	Good	13
Head of West Pier	25 "	Do.	Red, Fixed	Do.	Do.	10	Do	14
EAST LOCH TARRBERT On Pier at head of Loch	22 Aug.	Loch Harbour Authority.	Red and White Sectors, Fixed	—	Oil	15	Good	15
FORT WILLIAM On Pier	15 Aug.	Loch Harbour Authority.	2 White Fixed	—	Oil	15	Good	16
COOPAGE Entrance to Canal Lock	15 Aug.	Calcutt's Canal Commissioners.	Red and White Sectors, Fixed.	Dioptric	Oil	21	Good	17
RENTALLEN On Pier	14 Aug.	Colliery and Glass Railway Company.	2 Red, Fixed	—	Oil	24 and 16	Good Do	18
PREL End of Breakwater	25 Aug.	Isle of Man Harbour Commissioners	White, Fixed	Dioptric	Oil	27	Burner out of focus, otherwise well kept	19
End of Pier, East side of harbour entrance.	25 "	Do.	Red, Fixed	Catoptric	Do	27	Very good	20

Commissioners of Northern Lighthouses, in 1911—continued.

Fog Signals.		Tide or Docking Signals.		Buoys and Beacons.				REMARKS.
Description.	Condition.	Description.	Condition.	No.	Colour, Shape, &c.	Condition.	If in best Position.	
1	—	—	—	—	—	—	—	
2	—	—	—	—	—	—	—	
3	—	—	—	1	Pillar Beacon	Good.	Yes	
4	—	—	—	—	—	—	—	
5	—	—	—	—	—	—	—	Recommended conversion to incandescent.
6	—	—	—	—	—	—	—	Do.
7	—	—	—	—	—	—	—	Do.
8	—	—	—	—	—	—	—	
9	—	—	—	—	—	—	—	
10	—	—	—	—	—	—	—	Recommended conversion to incandescent.
11	—	—	—	—	—	—	—	Do.
12	—	—	—	—	—	—	—	
13	—	—	—	—	—	—	—	
14	—	—	—	—	—	—	—	
15	—	—	—	—	—	—	—	
16	—	—	—	—	—	—	—	
17	—	—	—	1	Black Can Buoy	Good.	Yes	
18	—	—	—	—	—	—	—	
19	—	—	—	—	—	—	—	
20	—	—	—	—	—	—	—	

II.—REPORT of Inspection of Local Lighthouses, &c., by the

NAME AND POSITION OF LIGHT.	Date of Inspection.	Name of Local Lighthouse Commissioners.	Light.		Illuminant.	Height of Light above High Water.	Condition of Lenses, Apparatus, and Establishment generally.	
			Character.	System.				
PORT ERIN :	1911 :					<i>Feet.</i>		
Lower light on Eastern shore.	30 Aug.	Isle of Man Harbour Commissioners.	Red, Fixed	Dioptric	Oil	58	Good	1
Upper light. Lamp-post in wall at shore.	30 "	Do.	Do.	Dioptric	Gas	42	Lenses require overhauling.	2
PORT ST. MARY :								
Head of Inner Pier.	30 Aug.	Isle of Man Harbour Commissioners.	Red, Fixed	Catoptric	Oil	25	Fair, but reflector might be kept cleaner.	3
End of Alfred Pier.	30 "	Do.	Do.	Dioptric	Do.	25	Fair. Might be kept cleaner; burner out of focus.	4
CASLETON :								
On Head of Pier.	30 Aug.	Isle of Man Harbour Commissioners.	Red, Fixed	Catoptric	Oil	22	Very Good	5
DERBYHAVEN :								
South West End of Breakwater.	30 Aug.	Isle of Man Harbour Commissioners.	White, Fixed	Dioptric	Oil	14	Well kept, but burner was out of focus.	6
DOUGLAS :								
End of Breakwater or Battery Pier.	25 Aug.	Isle of Man Harbour Commissioners.	Red, Fixed	Dioptric	Oil	40	Very Good	7
End of Victoria Pier.	25 "	Do.	Green, Fixed	Catadioptric	Gas	20	Do.	8
End of Red or Inner Pier	25 "	Do.	White, Fixed	Dioptric	Oil	24	Do.	9
LAXBY :								
On Head of Pier.	29 Aug.	Isle of Man Harbour Commissioners.	White, Fixed	Dioptric	Oil	20	Very Good	10
RAMSEY :								
End of South Pier.	1 Sept.	Isle of Man Harbour Commissioners.	Red, Fixed	Catadioptric	Oil	38	Very Good	11
End of North Pier.	1 "	Do.	Green, Fixed	Dioptric	Do.	34	Good	12
Queen's Pier, on Head.	1 "	Do.	2 Red, Fixed Vertical.	Do.	Do.	35 and 25	Do.	13
Do. do.	1 "	Do.	Do.	Do.	Do.	35 and 25	Do.	14

Commissioners of Northern Lighthouses, in 1911—continued.

Fog Signals.		Tide or Docking Signals.		Buoys and Beacons.				REMARKS.
Description.	Condition.	Description.	Condition.	No.	Colour, Shape, &c.	Condition.	If in best Position.	
1	—	—	—	—	—	—	—	Recommended a reflector. Recommended that the reflector be maintained.
2	—	—	—	—	—	—	—	
3	—	—	—	—	—	—	—	
4	—	—	—	—	—	—	—	
5	—	—	—	—	—	—	—	Recommended a reflector.
6	—	—	—	—	—	—	—	
7	—	—	—	—	—	—	—	Recommended a reflector.
8	—	—	—	—	—	—	—	
9	—	—	—	—	—	—	—	
10	—	—	—	—	—	—	—	
11	—	—	—	—	—	—	—	
12	—	—	—	—	—	—	—	
13	—	—	—	—	—	—	—	
14	—	—	—	—	—	—	—	

III.—REPORT of INSPECTIONS of LOCAL LIGHTS, &c. by the COMMISSIONERS of IRISH LIGHTS in 1911.

No. 422.

Irish Lights Office,
Carlisle Building, Dublin,
1st January 1912.

Sir,

I AM directed by the Commissioners of Irish Lights to forward herewith, for the information of the Board of Trade, copies of reports of their inspections of local lights, buoys, and beacons under their jurisdiction during the year 1911, as shown in the accompanying list.

The Assistant Secretary,
Harbour Department, Board of Trade.

I am, Sir,
Your obedient servant,
(Signed) *H. G. Cook*,
Secretary.

COMMISSIONERS OF IRISH LIGHTS.

Lists of Inspections of local lights, buoys, and beacons, during the year ending 31/12/11.

Tralee and Fenit.
Kilmakilloge and Ardroom Harbour.
Carlingford Lough.
Londonderry.
Killybegs.

Downing Pier.
Limerick.
Waterford.
Wicklow.
Bray.

26th April 1911.

Tralee.—Accompanied by the Harbour Master we inspected the lights and sea marks under the control of the Tralee Harbour Board.

Fenit Pier.—The Acetylene light on the end of Fenit Pier was in good order.

The perch on the "Wheel" Rock is flattened down and should be replaced.

The buoys marking the channel across the flats to the entrance of the canal do not conform in shape or colour to the universal system of buoyage.

The small lights at the entrance to the canal and at the lock were in fair order.

Note.—The traffic through the canal is small and practically confined to local barges, and the buoys efficiently mark the channel for these.

27th April 1911.
Kilmakilloge Harbour.—The perches in Loughannareen boat harbour were in good order.

The perches on the Kush Keal and Battle Point marking the entrance to Bunaw Harbour were gone, but a temporary buoy has been placed off the Kush.

Another temporary buoy has been placed near the Book Rock.

Ardgroom Harbour.—The beacons and perches were in good order.

The white tiled facings of the white beacons leading into the harbour are very effective.

(Signed) *R. H. Scovell.*
T. C. Burnside.

31st May 1911.
Carlingford Lough.—Inspected the buoys under the jurisdiction of the Carlingford Lough Commissioners, and found them in good order.

(Signed) *A. G. Riall.*

2nd June 1911
Derry Harbour.—Inspected the river marks under the jurisdiction of the Derry Harbour Commissioners and found them in good order.

(Signed) *A. G. Riall.*

5th June 1911.
Killybegs Pier.—Inspected the lights on Killybegs Pier and the Post Office, under the jurisdiction of the Congested District Board and found them in good order.

(Signed) *A. G. Riall.*

3rd June 1911.
Downing Pier.—Inspected the light on Downing Pier under the Congested Districts Board and found it in good order.

(Signed) *A. G. Riall.*

9th June 1911.
Limerick Harbour.—Accompanied by the Secretary and Engineer of the Limerick Harbour Board we inspected the river marks under the jurisdiction of that Board and found them in good order.

(Signed) *A. G. Riall.*

15th June 1911.
Waterford Harbour.—Inspected the river marks under the jurisdiction of the Waterford Harbour Board and found them in good order.

(Signed) *A. G. Riall.*

21st September 1911.

Wicklow Harbour.—We inspected the lights under the control of the Wicklow Harbour Commissioners, and found them in very good order.

(Signed) *R. H. Scovell,*
T. C. Burnside,

2nd October 1911.

Bray Harbour.—Accompanied by the Harbour Master, we inspected the light on the end of the South Breakwater, and found it in good order.

(Signed) *R. H. Scovell,*
T. C. Burnside,
